U4/ UO/ ZUUU FIGURE 1 BamHI HindIII Met 5' GCGGATCCAAGCTTGCCGCCGCCATGAAGATCAACGCACGATTCGCCGTC 3' optimal Kozak XhoI Amber Opal CGCCCGCTCGAGCTATCATGCAGCATCCGTGGTGGATACGGGCAG 3' PCR cloning of **MCS** Lipase mCMV AdS SV40 Poly A+ [um 0] AdS [16 mu] pDK6 Restriction digest / Ligation Ad5 mCMV [100/0 mu] Lipase $\Delta \psi$ [0.5-3.7 mu] SV40 Poly A+ pDK6.PBAL pBHG10 Δ **E**3 Ad5 [16 mu] Cotransfection mCMV Lipase SV40 Ad5E1PBAL

